

Express Mail No. EV904402738US



Docket No.: 352078007US  
Client Ref No. 36412USP00

(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

\_\_\_\_\_  
In re Patent Application of:  
Adam et al.

Application No.: 10/531,711

Confirmation No.: 1475

Filed: April 18, 2005

Art Unit: 3672

For: DRILL HEAD STEERING

Examiner: H. C. Dang

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement, pursuant to 37 CFR 1.114(c), accompanies the Request for Continued Examination (37 CFR 1.114) submitted herewith.

In accordance with 37 CFR 1.98(a)(2)(ii), Applicant has not submitted copies of U.S. patents and U.S. patent applications. Applicant submits herewith copies of foreign patents and non-patent literature in accordance with 37 CFR 1.98(a)(2).

This Information disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art. This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 352078007US.

Dated: Sept. 12, 2006

Respectfully submitted,

By 

John M. Wechkin

Registration No.: 42,216

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant



Express Mail No. EV904402738US

PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/531,711-Conf. #1475		
		Filing Date	April 18, 2005		
		First Named Inventor	Scott C. Adam		
		Art Unit	3672		
		Examiner Name	H. C. Dang		
Sheet	1	of	2	Attorney Docket Number	352078007US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-1,435,144	11-14-1922	Bignell	
		US-1,660,999	02-28-1928	MacDonell	
		US-1,865,853	07-05-1932	Granville	
		US-2,282,431	05-12-1942	Smith et al.	
		US-2,516,421	07-25-1950	Robertson	
		US-2,873,092	02-10-1959	Dwyer	
		US-20050067166-A1	03-31-2005	Trueman et al.	
		US-3,191,697	06-29-1965	Haines	
		US-3,488,765	01-06-1970	Anderson	
		US-3,844,362	10-29-1974	Elbert et al.	
		US-3,858,398	01-07-1975	Van Weele	
		US-3,873,156	03-25-1975	Jacoby	
		US-3,874,733	04-01-1975	Poundstone et al.	
		US-3,881,775	05-06-1975	McPherson et al.	
		US-3,887,021	06-03-1975	Elbert	
		US-3,917,007	11-04-1975	Tsiferov	
		US-4,007,797	02-15-1977	Jeter	
		US-4,273,193	06-16-1981	Tompkins	
		US-4,437,706	03-20-1984	Johnson et al.	
		US-4,440,242	04-03-1984	Schmidt et al.	
		US-4,458,766	07-10-1984	Siegel	
		US-4,497,381	02-05-1985	Dickinson, III et al.	
		US-4,503,918	03-12-1985	Bergkvist et al.	
		US-4,527,639	07-09-1985	Dickinson, III et al.	
		US-4,640,362	02-03-1987	Schellstede	
		US-4,674,579	06-23-1987	Geller et al.	
		US-4,754,526	07-05-1988	Tremoulet, Jr. et al.	
		US-4,765,416	08-23-1988	Bjerking et al.	
		US-4,773,113	09-27-1988	Russell	
		US-4,826,087	05-02-1989	Chinery et al.	
		US-5,179,753	01-19-1993	Flaherty et al.	
		US-5,197,783	03-30-1993	Theimer et al.	
		US-5,255,750	10-26-1993	Wilkes, Jr. et al.	
		US-5,288,173	02-22-1994	Jenne et al.	
		US-5,413,184	05-09-1995	Landers	
		US-5,439,066	08-08-1995	Gipson	
		US-5,814,162	09-29-1998	Barrett et al.	
		US-5,853,056	12-29-1998	Landers	
		US-5,899,283	05-04-1999	Cox	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--



Express Mail No. EV904402738US

PTO/SB/08a/b (07-06)

Approved for use through 09/30/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/531,711-Conf. #1475
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Filing Date	April 18, 2005
				First Named Inventor	Scott C. Adam
				Art Unit	3672
				Examiner Name	H. C. Dang
				Attorney Docket Number	352078007US
Sheet	2	of	2		

	US-5,950,743	09-14-1999	Cox	
	US-5,992,547	11-30-1999	Caraway et al.	
	US-6,012,536	01-11-2000	Puttmann et al.	
	US-6,089,336	07-18-2000	Nexton et al.	
	US-6,231,270	05-15-2001	Cacossa	
	US-6,263,984	07-24-2001	Buckman, Sr.	
	US-6,470,978	01-31-2002	Robert Trueman	
	US-6,530,439	03-11-2003	Mazorow	
	US-7,083,011	08-01-2006	Meyer	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		DE-3012482	10-08-1981	Speck August Bruchsal		
		FR-2493907	05-14-1982	Charbonnages De France		
		GB-2289 298	11-15-1995	Baker Hughes Incorporated		
		JP-06346676	12-20-1994	Ishikawajima Harima Heavy Ind. et al.		
		RU-1093062	08-30-1994	Tsagi Im Professora N E Zhukov		
		WO-95/09963	04-13-1995	Landers		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Derwent Abstract Accession No. 57667B/46, Class Q49, Su 649815, A (UKR Coal Hydr Minin) Feb. 28, 1979.. </TD></TR>	
		European Search Report for Application No. EP03753138; dated 7 March 2006; 2 pgs	
		Maramzin, A.V., "Automation and Mechanization of Tripping Processes (Review of foreign patents)", pp. 83-84, undated..	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--